

## ABSTRACT OF THE DISCLOSURE

A wear protection coating, in particular an erosion protection coating for gas turbine components is disclosed. The wear protection coating is applied to a to-be-protected surface of a flow mechanically stressed component. The wear protection coating has an at least double-layer structure, where a first layer is applied to the to-be-protected surface of the component and has a material composition that is adapted to the material composition of the component and where a second layer forms an outer cover coat.